CUMULATIVE INDEX

For all articles appearing in LAB ANIMAL from November / December 1981 to September 1982

Index to Authors

A, B

Anderson, L.C.: The capture and laboratory maintenance of hibernating ground squirrels (Technical Reports). *September* 11(6):64-65, 1982.

Blackmore, W.M.: Animal care committees at the University of Southern California. *May/June* 11(4):41-47, 1982.

Bloom, J.C. and Sellers, T.S.: Hematologic evaluation of laboratory animals. *September* 11(6):43-51, 1982.

Brewer, N.R.: The history of euthanasia. *May/June* 11(4):17-19, 1982.

Bustad, L.K.: An educator's approach to euthanasia. *May/June* 11(4):37-39, 1982.

C, D

Chadwick, C. and Stickrod, G.: Pain relief for rabbits and technicians: Using Innovar-Vet to minimize blood-withdrawal stress (Technical Reports). *May/June* 11(4):48-49, 1982.

Cisar, C.F. and Saris, J.D.: Television as a teaching tool. *July/August* 11(5):28-31, 1982.

Coates, M.E.: International workshop on laboratory animal nutrition (Nutritional Reports). *March* 11(2):43, 1982.

Conaway, H.H. and Farris, H.E.: Spontaneous diabetes in the rabbit: An animal model (Technical Reports) *July/August* 11(5): 40-42, 1982.

Donnelly, T.: *Veterinary Virology* (Bookshelf). *September* 11(6):70, 1982.

Deitrich, E.A.: Conserve without compromise. *September* 11(6)57-61, 1982.

E, F

Eldridge, S.R., McDonald, K.E., Renne, R.A., and Lewis, T.R.: Methohexital anesthesia for intratracheal instillation in the hamster (Technical Reports). *May/June* 11(4):50-54, 1982.

Farris, H.E. and Conaway, H.H: Spontaneous diabetes in the rabbit: An animal model (Technical Reports). *July/August* 11(5):40-42, 1982.

Fisk, S.K. and Lewis, W.H.: Designing an animal facility with use & re-use in mind. *January/February* 11(1):38-41, 1982.

G, H

Gay, W.I. and Whitehair, L.: The seven NIH primate research centers. *November/December* 10(7):26-34, 1981.

Gordon, E.R.: Creating a functional toxicology vivarium. *January/February* 11(1):42-46, 1982.

I, J

Irving, G.W.: Using visual aids to market ideas. *July/August* 11(5):21,23, 1982.

Jacobs, G.J.: *Vertebrates: Physiology, Readings from Scientific American* and *Vertebrates: Adaptation. Readings from Scientific American* (Bookshelf). *March* 11(2):51-52, 1982.

Jamieson, D. and Regan, T.: The philosophical case for developing alternatives to animal use (Comment). *January/February* 11(1):21-23, 1982.

Johnson, D.K.: Teaching aids: An introduction. *July/August* 11(5):6, 1982.

Johnson, D.L.: Venipuncture in unrestrained cats (Methods). *November/December* 10(7):35-38, 1981.

K, L

Keller, G.L.: Physical euthanasia methods. *May/June* 11(4):20-26, 1982.

Kennedy, J. and Spinelli, J.S.: Unique resource for biomedical research. *April* 11(3):24-26, 1982.

Larsen, R.E. and Meil, D.H.: How to develop cost-effective animal room ventilation. *January/February* 11(1):32-37, 1982.

Leary, S.L. and Manning, P.J. Fat rats (What's Your Diagnosis?). *January/February* 11(1):17-18, 1982.

Levine, B.S.: Clinical chemistry measurements in drug safety assessment studies. *September* 11(6):37-39, 1982.

Lewis, T.R., Eldrige, S.R., McDonald, K.E., And Renne, R.A.: Methohexital anesthesia for intratracheal instillation in the hamster (Technical Reports). *May/June* 11(4):50-54, 1982.

Lewis, W.H. and Fisk, S.K.: Designing and animal facility with use & re-use in mind. *January/February* 11(1):38-41, 1982.

Loew, F.M.: Selection of experimental animal models. *September* 11(6):23-28, 1982.

Lofgreen, Jr., P.E.: Testing for leaks in flexible film isolators: A simple technique (Technical Reports). *January/February* 11(1):52,58, 1982.

Lumb, W.V. and Moreland, A.F.: Chemical methods for euthanasia. *May/June* 11(4):29-35, 1982.

M

MacArthur, J.A.: *Introduction to Laboratory Animal Science and Techonology* (Bookshelf). *March* 11(2):51, 1982.

CUMULATIVE INDEX

For all articles appearing in LAB ANIMAL from November / December 1981 to September 1982

Index to Authors

A, B

Anderson, L.C.: The capture and laboratory maintenance of hibernating ground squirrels (Technical Reports). *September* 11(6):64-65, 1982.

Blackmore, W.M.: Animal care committees at the University of Southern California. *May/June* 11(4):41-47, 1982.

Bloom, J.C. and Sellers, T.S.: Hematologic evaluation of laboratory animals. *September* 11(6):43-51, 1982.

Brewer, N.R.: The history of euthanasia. *May/June* 11(4):17-19, 1982.

Bustad, L.K.: An educator's approach to euthanasia. *May/June* 11(4):37-39, 1982.

C, D

Chadwick, C. and Stickrod, G.: Pain relief for rabbits and technicians: Using Innovar-Vet to minimize blood-withdrawal stress (Technical Reports). *May/June* 11(4):48-49, 1982.

Cisar, C.F. and Saris, J.D.: Television as a teaching tool. *July/August* 11(5):28-31, 1982.

Coates, M.E.: International workshop on laboratory animal nutrition (Nutritional Reports). *March* 11(2):43, 1982.

Conaway, H.H. and Farris, H.E.: Spontaneous diabetes in the rabbit: An animal model (Technical Reports) *July/August* 11(5): 40-42, 1982.

Donnelly, T.: *Veterinary Virology* (Bookshelf). *September* 11(6):70, 1982.

Deitrich, E.A.: Conserve without compromise. *September* 11(6)57-61, 1982.

E, F

Eldridge, S.R., McDonald, K.E., Renne, R.A., and Lewis, T.R.: Methohexital anesthesia for intratracheal instillation in the hamster (Technical Reports). *May/June* 11(4):50-54, 1982.

Farris, H.E. and Conaway, H.H: Spontaneous diabetes in the rabbit: An animal model (Technical Reports). *July/August* 11(5):40-42, 1982.

Fisk, S.K. and Lewis, W.H.: Designing an animal facility with use & re-use in mind. *January/February* 11(1):38-41, 1982.

G, H

Gay, W.I. and Whitehair, L.: The seven NIH primate research centers. *November/December* 10(7):26-34, 1981.

Gordon, E.R.: Creating a functional toxicology vivarium. *January/February* 11(1):42-46, 1982.

I, J

Irving, G.W.: Using visual aids to market ideas. *July/August* 11(5):21,23, 1982.

Jacobs, G.J.: *Vertebrates: Physiology, Readings from Scientific American* and *Vertebrates: Adaptation. Readings from Scientific American* (Bookshelf). *March* 11(2):51-52, 1982.

Jamieson, D. and Regan, T.: The philosophical case for developing alternatives to animal use (Comment). *January/February* 11(1):21-23, 1982.

Johnson, D.K.: Teaching aids: An introduction. *July/August* 11(5):6, 1982.

Johnson, D.L.: Venipuncture in unrestrained cats (Methods). *November/December* 10(7):35-38, 1981.

K, L

Keller, G.L.: Physical euthanasia methods. *May/June* 11(4):20-26, 1982.

Kennedy, J. and Spinelli, J.S.: Unique resource for biomedical research. *April* 11(3):24-26, 1982.

Larsen, R.E. and Meil, D.H.: How to develop cost-effective animal room ventilation. *January/February* 11(1):32-37, 1982.

Leary, S.L. and Manning, P.J. Fat rats (What's Your Diagnosis?). *January/February* 11(1):17-18, 1982.

Levine, B.S.: Clinical chemistry measurements in drug safety assessment studies. *September* 11(6):37-39, 1982.

Lewis, T.R., Eldrige, S.R., McDonald, K.E., And Renne, R.A.: Methohexital anesthesia for intratracheal instillation in the hamster (Technical Reports). *May/June* 11(4):50-54, 1982.

Lewis, W.H. and Fisk, S.K.: Designing and animal facility with use & re-use in mind. *January/February* 11(1):38-41, 1982.

Loew, F.M.: Selection of experimental animal models. *September* 11(6):23-28, 1982.

Lofgreen, Jr., P.E.: Testing for leaks in flexible film isolators: A simple technique (Technical Reports). *January/February* 11(1):52,58, 1982.

Lumb, W.V. and Moreland, A.F.: Chemical methods for euthanasia. *May/June* 11(4):29-35, 1982.

M

MacArthur, J.A.: *Introduction to Laboratory Animal Science and Techonology* (Bookshelf). *March* 11(2):51, 1982.

Manning, P.J. and Leary, S.L.: Fat rats (What's Your Diagnosis?). *January/February* 11(1):17–18, 1982.

Margolin, L.: Anesthetizing several pigs with one machine (Technical Reports). *April* 11(3):56–58, 1982.

Martin, M.: The price of polio vaccine. *November/December* 10(7):20–25, 1981.

Mattingly, S.F.: Why discuss animal euthansia? (Editor's Reports). *May/June* 11(4):6, 1982.

McDonald, D.E., Eldrige, S.R., Renne, R.A., and Lewis, T.R.: Methohexital anesthesia for intratracheal installation in the hamster (Technical Reports). *May/June* 11(4):50–54, 1982.

McGarrity, G.J., Simmons, M.L., and Sedlacek, R.B.: Air handling: Issues & answers. *April* 11(3):32–39, 1982.

Moreland, A.F. and Lumb, W.V.: Chemical methods for euthanasia. *May/June* 11(4):29–35, 1982.

N

Neil, D.H. and Larsen, R.E.: How to develop cost-effective animal room ventilation. *January/February* 11(1):32–37, 1982.

Norton, S: Using behavior to evaluate nervous system damage. *April* 11(3):40–46, 1982.

Novak, G.R.: Flooring survey results. *January/February* 11(1):48–49, 1982.

Novak, G.R.: Survey results: Water processing & distribution. *March* 11(2):37–42, 1982.

O, P

Payne, B.J.: The pathologist-toxicologist's needs from the clinical pathology laboratory. *September* 11(6):31–35, 1982.

Peters, L.J.: Funny face (What's Your Diagnosis?). *April* 11(3):21–22, 1982.

Q, R

Regan, T. and Jamieson, D.: The philosophical case for developing alternatives to animal use (Comment). *January/February* 11(1): 21–23, 1982.

Renne, R.A., Eldrige, S.R., McDonald, K.E., and Lewis, T.R.: Methohexital anesthesia for intratracheal installation in the hamster (Technical Reports). *May/June* 11(4):50–54, 1982.

Russell, R.J.: Testing skill levels with teaching aids. *July/August* 11(5):32–35, 1982.

S, T

Saris, J.D. and Cisar, C.F.: Television as a teaching tool. *July/August* 11(5):28–31, 1982.

Sedlacek, R.B., Simmons, M.L., and McGarrity, G.J.: Air handling: Issues & answers. *April* 11(3):32–39, 1982.

Sellers, T.S. and Bloom, J.C.: Hematologic evaluation of laboratory animals. *September* 11(6):43–51, 1982.

Shapiro, J.H.: Sanitation, sterilization & hygiene (Technician Topics). *April* 11(3):50–54, 1982.

Shively, M.J.: *Radiographic Positioning of Small Animals* (Bookshelf). *September* 11(6):70, 1982.

Shively, M.J.: Xeroradiographic anatomy of the rabbit, part 2. *January/February* 11(1):24–31, 1982.

Silverman, J.: *Animal Quality and Models in Biomedical Research, 7th ICLAS Symposium, Utrecht, 1979* (Bookshelf). *March* 11(2): 50–51, 1982.

Simmonds, R.C.: An overview of teaching aids. *July/August* 11(5): 15–18, 1982.

Simmons, M.L., Sedlacek, R.B., and McGarrity, G.J.: Air handling: Issues & answers. *April* 11(3):32–39, 1982.

The Hilltop Story—Chapter II

75% of America's research labs are just a few hours away from Hilltop.

Since we take so much care in raising our animals, it only makes sense to take extra care in delivering them, too. That's why, whenever possible, we ship our rodents in our own specially-insulated, temperature-controlled trucks.

We've recently expanded our truck delivery system to many additional cities, so that labs in Michigan and Ohio can enjoy the same quick delivery our east coast customers do. You'll get the animals you need just hours after they leave our bioClean® facilities.

Call us before you begin your next research project. We can arrange special air shipments to cities without regular truck delivery.

Ask for samples if you like. And we'll show you why we're the oldest name in the business.

Now even more cities can get fast Hilltop truck delivery.

Hilltop Lab Animals, Inc.
Serving Science for over 50 years

Scottdale, PA
(412) 887-8480

Circle No. 162 on Inquiry Card

Spinelli, J.S. and Kennedy, J.: Unique resource for biomedical research. *April* 11(3):24–30, 1982.

Stark, D.M.: *Biology of the House Mouse: Symposia of the Zoological Society of London No. 47* (Bookshelf). *April* 11(3): 63, 1982.

Stark, D.M.: *Methods for Ecological Toxicology — A Critical Review of Laboratory Multi-Species Tests* (Bookshelf). *April* 11(3):62–63, 1982.

Stickrod, G. and Chadwick, C.: Pain relief for rabbits and technicians: Using Innovar-Vet to minimize blood-withdrawal stress (Methods). *May/June* 11(4): 48–49, 1982.

Thalken, C.E.: Low cost alternatives in teaching aids. *July/August* 11(5):25–27, 1982.

U, V

Vondruska, J.F.: Improved resting boards for cat & dog cages (Technical Reports). *March* 11(2):45–46, 1982.

W

Walberg, J.: Pot Belly (What's Your Diagnosis?). *September* 11(6):19–20, 1982.

Ward, G.M.: Pulling together a dispersed animal program (Facility Design). *March* 11(2):48, 1982.

Weisbroth, S.H.: A proposed microbial evaluation program. *March* 11(2):25–26, 1982.

Weisbroth, S.H.: Cage death (What's Your Diagnosis?). *May/June* 11(4):13–14, 1982.

Weisbroth, S.H.: Englishing some mice (What's Your Diagnosis?). *November/December* 10(7): 17–18, 1981.

Weisbroth, S.H.: Follow the leader (What's Your Diagnosis?). *July/August* 11(5):11–12, 1982.

Weisbroth, S.H.: Wasting away (What's Your Diagnosis?). *March* 11(2):21–22, 1982.

Weisbroth, S.P.: A proposed microbial evaluation program. *March* 11(2):25–26, 1982.

White, W.J.: Energy savings in the animal facility: Opportunities & limitations. *March* 11(2):28–35, 1982.

Whitehair, L.: The seven NIH primate research centers. *November/December* 10(7):26–34, 1981.

Whorton, J.A.: Collecting blood via the anterior vena in the guinea pig (Methods). *September* 11(6): 66–68, 1982.

Williams, E.R.: The art of staffing and managing a clinical pathology laboratory. *September* 11(6):53–55, 1982.

Windle, D.W.: Communication (Managery). *November/December* 10(7):41, 1981.

Windle, D.W.: Learning curves (Managery). *April* 11(3):49, 1982.

Windle, D.W.: Management article reviews: delegation, flexitime, 4/40 workweek (Managery). *January/February* 11(1):50, 1982.

Windle, D.W.: Personnel management (Managery), *September* 11(6):63, 1982.

Windle, D.W.: The problems of supervision in a small animal facility (Managery). March 11(2):44, 1982.

Windle, D.W.: Professional associations (Managery). *July/August* 11(5):39, 1982.

Wolken, J.J.: *Comparative Physiology and Evolution of Vision in Invertebrates. Handbook of Sensory Physiology, Vol. VII/6B* (Bookshelf). *April* 11(3):61–62, 1982.

X, Y, Z

Yarbrough, L.W.: Sources of teaching aids. *July/August* 11(5): 37–38, 1982.

Bed-O'Cobs®... The professional's choice for bedding. Make it yours.

Pro-fes-sion-al (prə-fĕsh'ən-əl) *adj.* 1. of, engaged in, or worthy of the high standards of, a profession.

The true research professional continuously strives for quality. Research studies must be precise with no unknown variables which could affect results. Animals, clinical equipment, procedures, diet, vaccines, housing, and, yes, even the bedding must meet high standards.

Bed-O'Cobs (bĕd'ŏ-kŏbz) *n.* 1. contact, non-contact bedding, worthy of, manufactured for professional laboratory studies, reliable results.

More and more research professionals are using Bed-O'Cobs. Here's why:

1. Virtually dust-free.
2. Drier animals. Bed-O'Cobs absorb from the bottom up.
3. The manufacturing process includes regular testing and inspection.
4. Uniformly sized.
5. Easy disposal. Corncob bedding is biodegradable.

Bed-O'Cobs are used in leading institutions throughout the United States, Canada and South America. Our two plants in Ohio and Indiana guarantee year-round product availability.

For more information on the professional's choice for bedding call toll free or write: The Andersons, Cob Division
P.O. Box 119, Maumee, OH 43537
In Ohio **800-472-3220**
Outside Ohio **800-537-3370**

Try Alf-A'Cobs, our odor-controlling bedding.

The Andersons bed-o'cobs®

The Professional's Choice

Circle No. 161 on Inquiry Card